



## SEQUENCE LISTING

<10> OLSON, ERIC  
FREY, NORBERT

<120> METHODS AND COMPOSITIONS RELATING TO MUSCLE SPECIFIC  
SARCOMERIC CALCINEURIN-BINDING PROTEINS (CALSARCINS)

<130> UTSD:729US

<140> 10/045,594

<141> 2001-11-07

<150> 60/246,629

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<170> PatentIn Ver. 2.1

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Pro Gln Asp Leu Met Met Glu Glu Leu Ser Leu Arg Asn Asn Arg Gly  
35 40 45  
Ser Leu Leu Phe Gln Lys Arg Gln Arg Arg Val Gln Lys Phe Thr Phe  
50 55 60  
Glu Leu Ala Ala Ser Gln Arg Ala Met Leu Ala Gly Ser Ala Arg Arg  
65 70 75 80  
Lys Val Thr Gly Thr Ala Glu Ser Gly Thr Val Ala Asn Ala Asn Gly  
85 90 95  
Pro Glu Gly Pro Asn Tyr Arg Ser Glu Leu His Ile Phe Pro Ala Ser  
100 105 110  
Pro Gly Ala Ser Leu Gly Gly Pro Glu Gly Ala His Pro Ala Ala Ala  
115 120 125  
Pro Ala Gly Cys Val Pro Ser Pro Ser Ala Leu Ala Pro Gly Tyr Ala  
130 135 140  
Glu Pro Leu Lys Gly Val Pro Pro Glu Lys Phe Asn His Thr Ala Ile  
145 150 155 160  
Pro Lys Gly Tyr Arg Cys Pro Trp Gln Glu Phe Val Ser Tyr Arg Asp  
165 170 175  
Tyr Gln Ser Asp Gly Arg Ser His Thr Pro Ser Pro Asn Asp Tyr Arg  
180 185 190  
Asn Phe Asn Lys Thr Pro Val Pro Phe Gly Gly Pro Leu Val Gly Gly  
195 200 205

Al  
Cys

Thr Phe Pro Arg Pro Gly Thr Pro Phe Ile Pro Glu Pro Leu Ser Gly  
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Leu Glu Leu Leu Arg Leu Arg Pro Ser Phe Asn Arg Val Ala Gln Gly  
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Trp Val Arg Asn Leu Pro Glu Ser Glu Glu Leu  
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 cggcgcaggc aacggttccc aatggcttgg aggagcagaa ccaccactcc gagacgcacg 420  
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 ccagctacca agactactcg agtggcagca gaagtcacac tcccatccc cgagactatc 660  
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 ccaatttcaa cagggttgct cagggttggg tccggaagct cccggagtct gaggaactgt 840  
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Pro Gln Asp Leu Met Ile Glu Glu Leu Ser Leu Arg Asn Asn Arg Gly  
 35 40 45

Ser Leu Leu Phe Gln Lys Arg Gln Arg Arg Val Gln Lys Phe Thr Phe  
 50 55 60

Glu Leu Ser Glu Ser Leu Gln Ala Ile Leu Ala Ser Ser Ala Arg Gly  
 65 70 75 80

Lys Val Ala Gly Arg Ala Ala Gln Ala Thr Val Pro Asn Gly Leu Glu  
 85 90 95

Glu Gln Asn His His Ser Glu Thr His Val Phe Gln Gly Ser Pro Gly  
100 105 110

Asp Pro Gly Ile Thr His Leu Gly Ala Ala Gly Thr Gly Ser Val Arg  
115 120 125

Ser Pro Ser Ala Leu Ala Pro Gly Tyr Ala Glu Pro Leu Lys Gly Val  
130 135 140

Pro Pro Glu Lys Phe Asn His Thr Ala Ile Pro Lys Gly Tyr Arg Cys  
145 150 155 160

Pro Trp Gln Glu Phe Thr Ser Tyr Gln Asp Tyr Ser Ser Gly Ser Arg  
165 170 175

Ser His Thr Pro Ile Pro Arg Asp Tyr Arg Asn Phe Asn Lys Thr Pro  
180 185 190

Val Pro Phe Gly Gly Pro His Val Arg Glu Ala Ile Phe His Ala Gly  
195 200 205

Thr Pro Phe Val Pro Glu Ser Phe Ser Gly Leu Glu Leu Leu Arg Leu  
210 215 220

Arg Pro Asn Phe Asn Arg Val Ala Gln Gly Trp Val Arg Lys Leu Pro  
225 230 235 240

Glu Ser Glu Glu Leu  
245

Q1  
Cont